

CLAIMS

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1 6. (amended) An article having a circuit with

parts, which are soldered by a lead free solder, and
 identification information of identification marking, bar
 code or IC which indicates presence or absence of lead in
 said article, said identification information carrying
 information about the composition of the solder to enable
 identification of the type of solder.

2 7. (amended) The article having a circuit soldered
 with parts in accordance with claim ~~6~~ 1, wherein said bar code
 or IC carries information about the type and composition of
 solder, kind of soldered parts, and a material of said
 article.

3 8. (amended) An electrical appliance comprising an
 article having a circuit with parts, which are soldered with
 a lead free solder and a housing accommodating said article,
 wherein said housing carries identification information
 indicating presence or absence of lead, said identification
 information carrying information about the composition of the
 solder to enable identification of the type of solder.

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ART 34 AMDT

29

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4 ~~11~~.(amended) A recycling method of wastes

containing an electrical appliance comprising an article having a circuit with parts soldered with a lead free solder and a housing accommodating said article wherein said housing carries identification information indicating presence or absence of lead, said identification information carrying information about the composition of the solder to enable identification of the type of solder, said method comprising:

identifying wastes of lead free electrical appliance from those of various electrical appliances based on said information about identification.

5 ~~12~~.(amended) A recycling method of wastes of electrical appliance containing an article having a circuit with parts soldered with a lead free solder and a housing accomodating said article wherein said housing carries identification information indicating presence or absence of lead, said identification information carrying information about the composition of the solder to enable identification of the type of solder, said method comprising:

discriminating an article having a circuit soldered with lead free parts from an article having a circuit soldered with lead containing parts by means of an identification marking provided on said article,

recovering, grinding and melting each of

CLASS 228

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283 | 70

discriminated articles to separat materials constituting the article,

recycling reusable valuables contained in said materials, and

shredding the rest of the article and buring the same or treating the same at a stabilizing dumping ground or a controlled dumping ground for disposal.

13.(amended) A recycling method of wastes of electrical appliance containing an article having a circuit with parts soldered with a lead free solder and a housing accomodating said article wherein said housing carries identification information indicating presence or absence of lead, said identification information carrying information about the composition of the solder to enable identification of the type of solder, said method comprising:

classifying wastes of miscellaneous electrical appliances by the type of electrical appliance,

identifying the presence or absence of lead by means of said identification marking to discriminate a lead free elestrical appliance from a lead containing article, and

disassembling each electrical appliance to remove an article having a circuit soldered with parts therefrom,

discriminating an article having a circuit soldered with lead free parts from an article having a circuit soldered with lead containing parts by means of an identification marking provided on said article,

ART 34 AMDT

31

recovering, grinding and melting each of discriminated articles to separate materials constituting the article,

recycling reusable valuables contained in said materials, and

shredding the rest of the article and buring the same or treating the same at a stabilizing dumping ground or a controlled dumping ground for disposal.

7 14.(added) The electrical appliance in accordance with claim ~~8~~³, wherein said identification information is a labelling carried on said housing.

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